ROCCAT™

KAVE

USER MANUAL

IMPORTANT DOCUMENT

CONTENT

Welcome to the ROCCAT™ Kave



Congratulations! By purchasing this ROCCAT™ Kave solid 5.1 surround sound gaming headset, you've got everything a gamer's heart could desire: from fantastic sound quality to adjustable vibration technology. This includes the opportunity to always stay one step ahead of your opponents through precise sound positioning and so to score those decisive points.

Thanks to the uniquely precise premium sound reproduction, the ROCCAT™ Kave Solid surround sound gaming headset doesn't only give gamers a decisive advantage when pinpointing their opponents; it also delivers a uniquely realistic sound when watching films, too. No noise will go unheard; you'll find yourself immersed right in the center of the action. A unique atmosphere. This immersive experience is delivered by the ultra high performance of the headset's four 40mm speakers and the electrifying vibration function.



The fully flexible microphone, which can be pivoted through a full 360°, can be conveniently switched on or off. An ice-blue LED indicates whether the microphone is currently on or off.

The compact Tip'n'Control desktop remote doesn't just allow you to switch between Game and Movie mode; it also allows you to control the master volume as well as each of the four surround sound channels too.

Weight is spread evenly thanks to the size-adjustable headband's three pads which makes the headset particularly comfortable to wear. The padded earcups are hand-sewn and are outstanding at cancelling out noise; no distracting external noises will spoil your gaming or film enjoyment.



With the ROCCAT™ Kave, you'll also be best equipped for LAN parties. The earcups fold compactly together and, as the microphone can also be removed, the Kave is particularly easy to carry around.

Support

If you experience difficulties when installing or connecting the product, please get in touch with our technical support team.

A support form is available on our website: **www.roccat.org**.

Alternatively you can e-mail our technical support team directly: **support@roccat.org**

Limitation of liability

ROCCAT GmbH shall not be liable for damages such as damages to or loss of property, profit or turnover losses, costs for spare parts, expenses for inconveniences arising from the interruption of a service or any other damages. Claims which exceed the purchasing price of the product may not be asserted under any circumstances.

Warranty

This product is supplied with a limited warranty of two years. If this product exhibits a defect within the warranty period then ROCCAT GmbH may repair or replace the fault product at its own discretion. To make a claim against the warranty take the defective product, together with the receipt of purchase, to the supplier you purchased the product from.

Correct disposal

This product must not be disposed of together with household waste. You are obliged to hand in used electrical equipment to an official collection point for electrical equipment. ROCCAT GmbH is concerned about protecting as many resources as possible and with it the environment and your health as well. Help us to do this by disposing of this product at your nearest authorized collection point. You can find out where your nearest collection point is by contacting your local authority, the local disposal company or the supplier/business where you purchased this product from.

Maintenance and repair

Any repairs and maintenance work must only be performed by qualified specialists. Do not attempt to make repairs yourself and do not make changes to the product.

Moisture

Keep the product away from sources of moisture (rain), water and other liquids..

Operating conditions

Use the product between 5 to 40°C and with a relative humidity of 5 to 80% (non-condensing).

Copyright

SAFETY NOTES

Radio interference

Operation of the device (the devices) may be affected by strong static, electrical or high-frequency fields (radio installations, mobile telephones, microwaves, electrostatic discharges). If this occurs, try increasing the distance between the devices that are causing interference.

Damage to hearing

High volume levels may cause damage to hearing. Avoid listening to audio at too high a volume, especially for extended periods, and check the volume level that has been set on the volume control each time before the product is used.

WHAT'S INCLUDED

- ROCCAT™ Kave solid 5.1 surround sound gaming headset
- 5.1 Sound Demo CD
- Tip'n'Control desktop remote
- 'The Inari Case' mission book including ID card
- Quick Install Guide

SYSTEM REQUIREMENTS

- PC or MAC™
- 5.1 soundcard or soundcard configured for 5.1 sound for real 5.1 surround sound
- Free USB port

TRANSPORT

The ROCCAT™ Kave solid 5.1 headset can be folded quickly and practically, thereby allowing it to be transported with ease.

To do that, adjust the headband so it's at its smallest size. Fold the right-hand earcup inward. Now fold the left-hand earcup inward so it rests on the right-hand earcup. To avoid damaging the headset, you can now easily remove the boom mic from its socket on the left-hand side of the headset and store it separately.



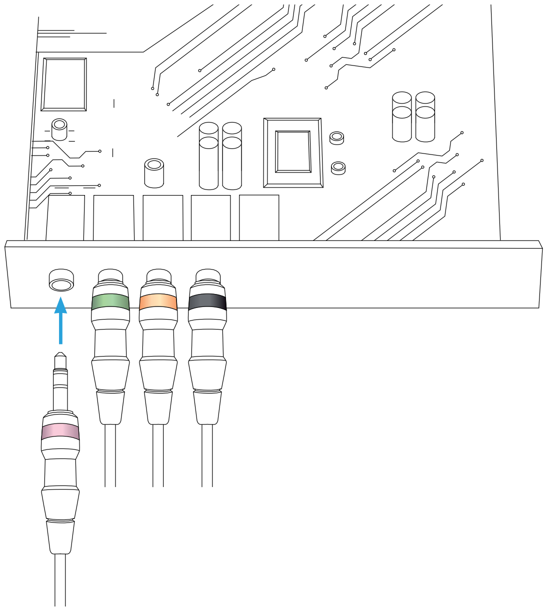


CONNECTING

All connectors are color coded to simplify the process of connecting the ROCCAT™ Kave gaming headset. These markings correspond to the colors on the soundcard sockets as used by many hardware manufacturers. If this isn't the case with your soundcard, please refer to your soundcard's user manual.

Headset connector marking	Soundcard socket
Pink (jack plug)	Microphone
Green (jack plug)	Front speaker (right and left)
Orange (jack plug)	Subwoofer and Center
Black (jack plugr)	Rear speaker (right and left)
Gray (USB connector)	USB port

1 Plug the pink connector into the microphone socket on the soundcard.



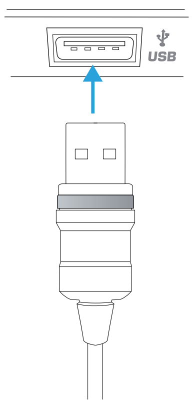
2 Plug the green connector into the headphone/front speaker socket.

3 Plug the orange connector into the subwoofer and center speaker socket.

4 Plug the black connector into the rear speaker socket.

5 Plug the USB connector into any free USB port.

Er dient der Stromversorgung des Headsets The USB connector powers the headset and remote, therefore it should either be plugged directly into the computer or into a mains powered USB hub. Using the headset with a bus-powered USB hub may lead to problems.





The headset uses the soundcard's presets, which means that the computer's audio settings don't need to be adjusted again. You can, however, adjust the sound and volume of all four speakers and the subwoofer to suit your preferences using the desktop remote. When you open the cover of the remote, you'll find a set of slider controls.

Game vs. Movie



Two options are available to you which control how the headset sound is mixed: 'Game' and 'Movie'.

The 'Game' setting is equivalent to the original 5.1 sound setting and is best suited to games, particularly first-person shooters. If you intend to watch films on the computer, 'Movie' is the best setting as it ensures that the voices sound clearer and more defined.

Center



Using this controller, you can adjust the volume level of the voices. By doing this, you can raise the voices above the background noises and the music, for example.

Front

The 'Front' controller controls the volume of the left and right channels – in other words the stereo sound.

Rear

The 'Rear' controller controls the volume of the rear speakers – these produce the surround sound effects.

Sub

Using the 'Sub' controller, you can adjust the subwoofer, in other words the bass level, and also the vibration strength. The higher the 'Sub' controller level is set to, the stronger and more noticeable the vibration.

Volume

You can raise the overall volume level using the volume dial. To do that, rotate the outer ring in a clockwise direction.



Mute

You can also mute the sound. To do that, press the circular area within the volume dial.

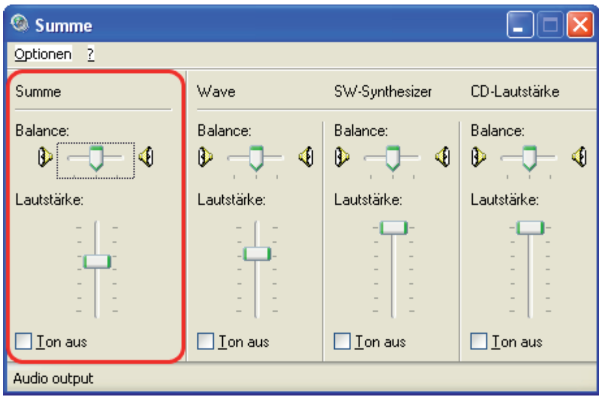
Mic Mute

The headset's microphone can also be muted. To do that, press the 'Mic Mute' button located below the volume control. A blue LED directly on the microphone will light up indicating that the microphone has been muted. This setting has no effect on the soundcard's microphone input.



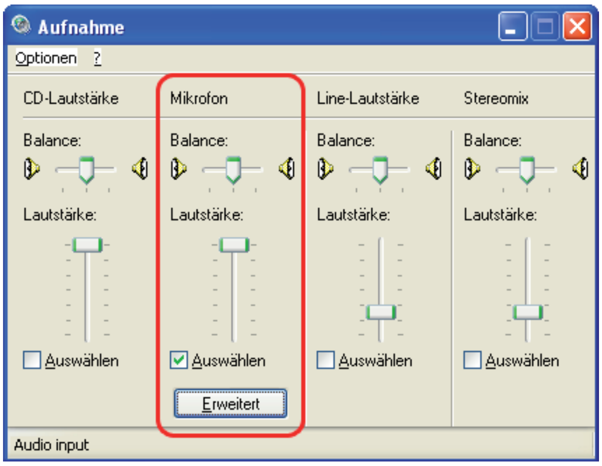
The headset doesn't work

- Make sure that the USB connector is correctly plugged into the USB socket on your computer.
- Make sure the cables have been correctly plugged into the soundcard.
- Refer to your soundcard's manual for details on how to connect the headset correctly.
- Check your computer's audio properties to see if the volume has been muted and if the correct speaker settings have been selected.



The microphone doesn't work

- Check your computer's audio settings to see if the microphone has been muted.
- Check to see if the blue LED on the microphone is lit or press the 'Mute Mic' button just to make sure it hasn't been pressed accidently.



The headset doesn't reproduce surround sound

- Make sure the cables have been correctly connected to the soundcard.
- Check if the DVD program you're using on your PC supports surround sound and change the sound settings in the program.
- Check the sound settings in your game to see if surround sound is supported and, if necessary, change the sound settings in the game.

Headset

Cable length: 3.4m (2m from the remote to the PC)

Speakers

Frequency range: 20Hz~20,000kHz

Max. SPL at 1kHz: 114±3dB

Max. input power: 100mW

Drive diameter: 40mm

Vibration units

Frequency range: 20~100Hz

Max. input power: 1000mW

Drive diameter: 30mm

Microphone

Frequency range: 20Hz~18,000Hz

Condenser microphone: 4 x 1.5mm

Sensitivity at 1kHz: -36dB

Impedance: 2.2kΩ + 15%

Directional characteristic: omnidirectional

System

Input impedance: 10kΩ

Connectors: 4 x 3.5mm jack plugs, 1 x USB connector